

## ABSTRACT

A brass is a base material, and a material containing Mn and Si is cast to make a ring material. A metallic structure in the cross section of the ring material is under a condition 5 where an intermetallic compound  $Mn_5Si_3$  is uniformly and finely scattered and precipitated in the base material (brass composed of  $\alpha$  - and  $\beta$  -phases). A machined retainer provided by machining said material has an excellent sizing precision, sound effect and impact resistance.